

INDEX TO VOLUME 13

The asterisk (*) preceding the page number indicates an original article in the Archives. Author entries are made for original articles and society transactions. Subject entries are made for all articles. Book Reviews and Society Transactions are indexed under these headings in their alphabetical order under the letters B and S, respectively.

Abnormalities: See Anomalies and Deformities

Abortion and automobile accidents, 844

Abscesses, experimental, in rabbit; cytology and drainage, *899

Accidents, abortion and automobile accidents, 844

fatal automobile accidents, 845

legal and social medicine of automobile accidents, 180

peculiar injury of skin due to automobile accident, 524

Actinomycosis of stomach and liver, 669

Adamantinoma of cranio-pharyngeal duct, 674

Adenoma, basophilic adenoma of hypophysis with associated pluriglandular syndrome, 346

of hypophysis with multiple bone metastases, 676

of islands of Langerhans with hypoglycemia, successfully removed, 175

toxic adenomatous thyroid with persistent thymus presenting unusual anatomical features, 848

Adrenals: See Suprarenals

Agglutination, hemagglutinating properties of urease, 170

Agglutinins, how is occurrence of iso-agglutinins regulated? 343

serology of isoagglutinin subgroups A₁ and A₂, 343

significance of agglutinins in normal persons, 171

Agranulocytosis: See Angina

Alcohol, effect of diacetone alcohol on liver of rat, *707

Alkali, simple titrimetric method for determination of alkali reserve in serum, 161

Allergy: See Anaphylaxis and Allergy

Alpers, B. J.: Functions of glia in secondary degeneration of spinal cord; oligodendroglia as phagocytes, *23

Amebiasis, early lesions in man, monkeys and cats, 826

Amniotic sac contents in lungs of infants, 660

Anaphylaxis and Allergy; action of serum lipoids in anaphylactic experiment with guinea-pig, 343

anaphylaxis to diphtheria toxin; passive transfer experiments, 841

congenital anaphylaxis in guinea-pig, 343

granuloma-like allergic inflammation, 342

identity of house dust allergen, 344

influence of reticulo-endothelial blockade on anaphylaxis, 342

local anaphylactic inflammation in rabbit pericardium, heart and aorta, 836

Anaphylaxis and Allergy—Continued

morphology of phenomena of hypersensitivity and immunity, 172

nature of, 1063

serum disease, etiology of, 840

serum sickness in rabbits, 340

serum sickness, precipitinogen and precipitins in relation to, 835

Anemia, aplastic, 332

idiopathic hypochromemia, 324

pernicious, effect of liver treatment on changes in spinal cord in, 661

primary hypochromic anemia (erythronormoblastic anemia), 324

regeneration of red cells following copper and iron therapy, 681

Aneurysm, aortic, rupturing into conus arteriosus of right ventricle, 328

cerebral, and cortical herniation, 328

dissecting, 817

mycotic, at root of aorta in subacute bacterial endocarditis, 535

occlusion of great vessels of neck in syphilitic aortitis with aortic and innominate aneurysms, 851

Angina, agranulocytosis, 337, 669

agranulocytic, myeloid cell hyperplasia of bone marrow in, 816

Angioma of pia of cerebellum, 349

Anomalies and Deformities; congenital maldevelopments: atresia of small intestine; ventral hernia; maldevelopments of cerebellum; complete and unilateral absence of vertebral bodies, 993

hereditary ectrodactylism, 655

Anthrax, effect of bacteriophage on anthrax in white mice, 999

Antibodies: See Antigens and Antibodies

Antigens and Antibodies; antibodies in cold-blooded animals, 516

antigens of red blood cell stroma, 516

can conditional reflexes of Pawlow stimulate production of immune antibodies? 518

effect of oral immunization on formation of humoral antibodies, 1005

hemolytic antibodies, binding of, 517

influence of exhaustion on antibody production and on course of infection, 1006

influence of simultaneous introduction of various antigens on immunity, 515

old and young antigens and iso-antibodies of old age, 174

production of antitoxin on addition of non-specific substances to antigen, 1003

quantitative relations in lipid-antibody production following combined immunization, 173

thermostability of antibodies, 1008

Antileukocytic serum, action of, on tissue cultures, *584

Antitoxins, method for increasing and prolonging production of antitoxins in horses, 841

Antopol, W.: Foreign body granuloma due to spores of lycopodium, 188

Aorta, cylindric narrowing of descending part of thoracic aorta as result of mesoarteritis, 160

INDEX TO VOLUME 13

Aorta—Continued

- Idiopathic cystic medial necrosis of, 506
- local anaphylactic inflammation in rabbit pericardium, heart, and aorta, 836
- medial degeneration in aorta of rabbit produced by diphtheria toxin, *543
- truncus solitarius aorticus, 659

Aortitis, occlusion of great vessels of neck in syphilitic aortitis with aortic and innominate aneurysms, 851

syphilitic complications of, 523

Apfelbach, C. W.: Experimental infarction of glomeruli in dogs; blood pressure in chronic renal insufficiency, *255

Appendix, melanosis mucosae appendicis vermiformis, 817

Applebaum, M.: Commercial bacteriophage products, 685

Influence of blood and exudate on action of bacteriophage against colon bacillus, 685

Arsphenamines, icterus due to, 989

Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; Embolism; Thrombosis

calcified, reorganization in walls of, 506

coronary; familial tendency of coronary disease, 655

inflammation; case of generalized necrotizing arteritis, 353

pulmonary, obliteration of peripheral branches of, 991

pulmonary, syphilis of, 668

rare cause of sudden death; primary sclerosis of pulmonary artery in 12 year old girl, 1013

Arteriosclerosis, rare cause of sudden death; primary sclerosis of pulmonary artery in 12 year old girl, 1013

renal, and hypertension, 665

Arthritis, bacteriology of blood in infectious arthritis, 668

deformans, experimental, 509

deformans (Still's disease), 158

streptococcal agglutinins in chronic infectious arthritis and rheumatic fever, 339

symptomless occurrence of tubercle bacilli in tonsils with recurrent arthritis and retrobulbar neuritis, 511

Asbestosis: See Pneumoconiosis

Aspergillus, radiate formation due to hyphomycete (Aspergillus?) as seen in pulmonary granulomatosis of capybara (hydrochoerus hydrochoerus); nature of fungus incrustments in general, *725

Atelectasis: See Lungs, collapse

Automobile accidents: See Accidents

Autopsies of unusual interest, 351

unexpected autopsy results in unexpected deaths, 350

B C G: See under Tuberculosis

Bacillus: See Bacteria

Bacteria: See also Diphtheria bacilli; Tubercle bacilli; etc.

acid-fast bacteria, behavior in oil and water systems, 829

acid-fast bacteria in soils, 668

acid-fast microorganisms, 1000

aertrycke, spontaneous and experimental infection of pigeons with, 509

aertrycke, strain with unusual epidemic characters, 166

agglutination of Bacillus sordellii and Clostridium oedematoides, 834

Bacteria—Continued

Brucella abortus, 829

Brucella abortus, lethal rates for strains of, 668

Brucella antibodies in human serum, 170

Brucella group, double infection by, 1001

coll-like organism, variation of, 667

coll, influence of blood and exudate on action of bacteriophage against colon bacillus, 685

coll, skin reactions to colon bacillus and its toxic products, 840

granulosis and trachoma, 510

influence of reaction of urine on growth of, 679

mycobacterium, ergosterol content of, 1000

mycobacterium (Sp?) isolated from pleura, 666

Bacteriophage adaptation, 666

adsorption and elution of fowl-pox virus and, 832

as therapeutic agent in staphylococcus bacteria, 686

cataphoresis experiments with protein-free suspensions of a bacteriophage and fowl-pox virus, 510

commercial bacteriophage products, 685

effect of, on anthrax in white mice, 999

influence of pus and blood on action of, 999

electrical charge of, 829

influence of blood and exudate on action of bacteriophage against colon bacillus, 685

recovery of bacteriophage from filtrates of heated spore-suspensions, 828

Baló, J.: Encephalitis of dogs with Eck fistula fed on meat, *80

Basedow's Disease: See Goiter, exophthalmic

Beck, G. M.: Cerebral response to oil injected into brain substance in rabbits, 1014

Beriberi, researches on, 988

Bile, discharge of bile into duodenum, 656

duct, biliary cirrhosis with atresia of external bile ducts and absence of spleen, 360

duct, mixed carcinoma of ductus choledochus, 178

ducts, congenital atresia of duodenum with duplication of bile and pancreatic ducts, 992

ducts, tumors of extrahepatic bile ducts, 346

pigments, hemagglutinating and hemolytic qualities of bile pigments, 161

Bilirubin formation in tissue cultures, 508

Biopsies, are biopsies on malignant tumors dangerous? 349

Birth palsy, cerebral birth palsy, 329

Bladder, combined congenital exstrophy of female urinary bladder and cloaca, *926

production of tumors in urinary bladder in rats, 349

Blastoma, renal, with cranial metastasis, 681

Blood: See also Erythrocytes; Leukocytes

alkali reserve in serum, simple titrimetric method for determination, 161

animal experiments on localization of blood reservoirs, 155

bacteriology of, in infectious arthritis, 668

calcium and phosphorus intake in hypercalcemia and hyperphosphatemia due to irradiated ergosterol, 822

changes in blood volume in experimental shock, 825

changes produced in reducing substances of blood by irradiation, 823

coagulation time, exact method for determination of, 525

INDEX TO VOLUME 13

Blood—Continued

- coaguloflocculation test for malignant tumors, *106
- colorimetric micromethod for determination of sulphur in deproteinized blood filtrate, 161
- diffusibility of proteins of normal and pathologic plasma, 822
- does hemophilic blood contain an excess of anticoagulant? 985
- effect of epinephrine on iodine concentration of blood, 824
- fats and lipoids, experimental edema and lipemia produced by repeated bleeding, *415
- groups, action of various fabrics on isohemagglutination, 673
- groups, concerning factors M and N of Landsteiner and Levine, 173
- groups in tuberculosis, 163
- groups, medicolegal importance of serologic M and N factors of Landsteiner and Levine, 673
- influence of H-ion concentration on serum precipitin test, 845
- lipase, diastase and esterase in multiple sclerosis, 821
- microdetermination of lecithin in blood and plasma, 823
- monocytes in inflammatory exudate and in granulation tissue, 564
- mononuclear erythrophagocytosis in blood of new-born infant, 659
- preservative for small blood samples sent through mails, 181
- pressure, experimental infarction of glomeruli in dogs; blood pressure in chronic renal insufficiency, *235
- pressure, high, and renal arteriosclerosis, 665
- proteins, fraction-specificity and species-specificity of serum proteins, 174
- quantitative development of group-specific receptors in serum of new-born infant, 514
- rapidity of interchange between blood and lymph in dog, 985
- relationship between bactericidal action of blood and coagulation-inhibiting substances, 1005
- serum, surface tension of, 825
- stream, disappearance of living bacteria from, 835
- sugar, adenoma of islands of Langerhans with hypoglycemia, successfully removed, 175
- sugar, hyperglycemia in experimental infection, 155
- transfusion; reactions following transfusion of blood with urinary suppression and uremia, 655
- tubercle bacillemia in diseases of central nervous system, 511
- uric acid in blood serum, methods of determination, 162
- vessels, elastic layer in cerebral vessels of new-born and of children, 156
- Bolker, H.: Sarcoma-like tumor of pleura, 534
- Bone, calcification of tibia of new-born child, 822
- effect of viosterol on, 154
- generalized fibrosis cystica of bone associated with tumor of parathyroid, 1015
- hematoporphyrosis of, experimental, 990
- lymphogranulomatosis of bones, 332
- marrow in fasted and polyneuritic pigeons, 326
- myeloid cell hyperplasia of bone marrow in agranulocytic angina, 816
- origin and antiquity of syphilis; evidence from diseased bones; a review, with some new material from America, *779, *931

Bone—Continued

- Paget's disease and osteogenic sarcoma, 675
- rapid and simple method for macerating bone, *605
- rare osseous dystrophy (Morquio), 816
- BOOK REVIEWS:
- Annals of Pickett-Thomson Research Laboratory. Volume 6. Pathogenic Streptococci. Role of Streptococci in Scarlet Fever; D. Thomson, and R. Thomson, 365
- Association française pour l'étude du cancer. Atlas du cancer. Neuvième et dixième fascicules. Les tumeurs des centres nerveux et des nerfs périphériques; G. Roussy and C. Oberling, 364
- Asthma and Hay Fever in Theory and Practice. Part 1. Hypersensitiveness, Anaphylaxis, Allergy; A. F. Coca. Part 2. Asthma; M. Walzer. Part 3. Hay Fever; A. A. Thommen, 854
- Cancer; Its Origin, Its Development and Its Self-Perpetuation; W. Meyer, 190
- Cytology and Cellular Pathology of Nervous System; W. Penfield, 1018
- Ein bewegtes Gelehrtenleben. Erinnerungen und Ergebnisse, Kämpfe und Gedanken; Otto Lubarsch, 541
- Gundriss der Entwicklung der Menschen; A. Fischel, 364
- Intracranial Pyogenic Diseases: Pathological and Clinical Study of Pathways of Infection from Face, Nasal and Paranasal Air-Cavities; A. L. Turner and F. E. Reynolds, 361
- Microscopic Slide Precipitation Tests for Diagnosis and Exclusion of Syphilis; B. S. Kilne, 1019
- Osler and Other Papers; W. S. Thayer, 365
- Pathologie und Klinik in Einzeldarstellungen. L. Aschoff, H. Elias, H. Eppinger, C. Sternberg and K. F. Wenckebach. Band IV: Thrombose; ihre Grundlagen und ihre Bedeutung; A. Dietrich, 688
- Recent Advances in Bacteriology and Study of Infections; J. H. Dible, 855
- Studien über die Entstehung und den Verlauf der Lungenkrankheiten; N. P. Tendeloo, 539
- System of Bacteriology in Relation to Medicine; Medical Research Council. Volume 6: Immunity, 190
- Thomsen Hemagglutination Phenomenon: Production of Specific Receptor Quality in Red Corpuscles by Bacterial Activity; V. Friedenreich, 688
- Tumors of Bone; C. F. Geschlechter and M. M. Copeland, 852
- Tumors of Breast; Their Pathology, Symptoms, Diagnosis and Treatment; G. L. Cheate, W. Prizeman, and M. Cutler, 362
- Books Received, 192, 366, 690, 1020
- Brain, antigenic relationship of lipoids from brain and testicle, 529
- cavernous hemangioma of, 842
- elastic layer in cerebral vessels of new-born and of children, 156
- fibroblastoma of, primary, 675
- ganglioneuroma of, 843
- neurinoma of pia mater of brain, 177
- progressive pallidal degeneration, new clinicopathologic syndrome, 661
- response to oil injected into brain substance in rabbits, 1014
- structural changes in brain of dogs in rapid carbon monoxide asphyxia, 180
- tumors of muscle type; report of group of cases with reference to metastasis of leiomyosarcoma to brain, *857
- Breast, cancer in male, 2 cases, 176
- Brewer, J. L.: Granulosa cell hyperplasia of ovary, 851

INDEX TO VOLUME 13

- Bronchiolitis**, pathogenesis of bronchiolitis obliterans; observations in cases of Bright's disease, *69
- Bronchus**, benign tumor of, 1009
massive atelectasis of lung following bronchial obstruction by calcified tuberculous tracheo-bronchial lymph nodes, 1016
- Brucella**: See under Bacteria
- Bucher, C. J.**: Pulmonary asbestosis with report of 2 cases, 850
- Bucy, P. C.**: Lumbosacral teratoma associated with spina bifida occulta, 679
- Burack, E.**: Lesions of nervous system resulting from deficiency of vitamin B complex, *207
- Calcification**, intracranial, 157
- Calcium and phosphorus intake in hypercalcemia and hyperphosphatemia due to irradiated ergosterol**, 822
- Callaway, J. W.**: Anatomic changes in livers of dogs following mechanical constriction of hepatic veins, 679
- Callus formation**, effect of roentgen irradiation on callus formation, 820
- Cancer**: See also Sarcoma; Tumor; etc.; and under names of organs and regions
analysis of blood picture in 100 cases, 184
causes of death in, 522
coaguloflocculation test for malignant tumors, *106
control in New York State, 984
dual carcinomas, primary in lung and in prostate, 528
etiology; cancer metabolism, *462
etiology; irritation, *112
etiology; miscellaneous features, *296
fluorescence of cancer tissue, 520
Fuchs reaction in serodiagnostics of, 519
gland extracts in experimental carcinoma and sarcoma of albino rats, 1012
grafts, action of proteins on growth of cancer grafts, 176
heredity in man, 1012
in Chinese, 843
in osteomyelitic sinus, 175
in young, 844
influence of heredity on occurrence of cancer in animals, 1011
mortality of Hanover, 844
mortality in Ukraine, 523
nerve fibrils in squamous cell carcinoma, 843
of skin after prolonged ultraviolet irradiation, 521
precancerous changes, 179
precancerous changes caused by x-rays, 178
tar; color of skin and experimental tar cancer, 842
tar, in man, 672
thirty years' statistics from Riga Stadtkrankenhaus, 177
tobacco, in rabbit, 521
- Capillaries**, relation of hydrostatic pressure to gradient of capillary permeability, 822
- Carbohydrate-proteins**, chemo-immunological studies on conjugated carbohydrate-proteins, 169
- Carbon monoxide**, structural changes in brain of dogs in rapid carbon monoxide asphyxia, 180
- Carrot**, effect of heavy carrot-feeding on rabbit's liver, 152
- Cecum**, ileocecal cysts, 157
- Cerebellum**, angioma of pia of, 349
dermoid of, 992
maldevelopments of, 993
- Cerebrospinal Fluid**, Lange test, preparation and standardization of colloidal gold for, 181
postmortem changes in, 824
- Chancres**, antigenic failure of *Spirochaeta pallida* from testicular chancres, 514
- Cherry, T. H.**: Factors influencing erythrocytic sedimentation, 356
- Chickenpox**, cerebral changes in fatal case of, 509
immunologic relationships between herpes and vaccinia, 1006
- Chloro-erythroblastoma**, *56
- Chloroma**, chloro-erythroblastoma; report of case, *56
- Cholesterol** function of gallbladder, 326
- Choriocarcinoma** in male sex, 179
microscopic diagnosis, particularly from curettings, 842
of intestine without a primary genital focus, 519
- Chorionepithelioma**, extragenital, in a man, 186
- Choroid plexus**, hydrocephalus in infant with vestiges of choroid plexus in fourth ventricle only, 662
- Chromosome**, neoplasms as result of inheritable chromosome alterations, 849
- Churchill, T. P.**: Production of gastric and duodenal ulcers in experimental cinchophen poisoning, 850
- Cinchophen**, production of gastric and duodenal ulcers in experimental cinchophen poisoning, 850
- Clark, E. L.**: Observations of lymphatic capillaries studied microscopically in living mammal, 360
- Clark, E. R.**: Observation of lymphatic capillaries studied microscopically in living mammal, 360
- Cloaca**, combined congenital exstrophy of female urinary bladder and cloaca, *926
- Clostridium**: See under Bacteria
- Coccidioides immitis**, dermatitis due to, 665
- Cohen, J. S.**: Tumors of muscle type; report of group of cases with reference to metastasis of leiomyosarcoma to brain, *857
- Colds**, immunological studies of colds and influenza, 338
upper respiratory disease (common cold) and weather, 162
- Colon**, congenital atresia of transverse colon, 992
structural changes in inflammatory mucous secretion in cat, 663
- Complement fixation**, effect of diminished concentrations of sodium chloride on, 517
fixation, quantitative study of, 170
in normal guinea-pig serum in various periods of life, 518
- Copper** content of cirrhotic liver, 505
microchemical demonstration of copper in pigment cirrhosis, 161
poisoning, does copper poisoning produce pigmentation and cirrhosis of liver? 152
poisoning, experimental, 152
quantitative determination of copper in tissues, 824
regeneration of red cells following copper and iron therapy, 681

INDEX TO VOLUME 13

- Correction to article by Robinson and Parsons, entitled "Hemorrhage and 'Shock' in Traumatized Limbs," (12: 869, 1931), 150
- Cramer, F.: Functions of glia in secondary degeneration of spinal cord; oligodendroglia as phagocytes, *23
- Cranio-pharyngeal duct, adamantinoma of, 674
- Cranium, constitutional variations in cranial form and oxycephaly, 993
fracture of base of skull, direct, 524
intracranial calcification, 157
intracranial neoplasia in lower animals, 174
- Culture medium, Herrold egg yolk agar medium in diagnosis of tuberculosis, 829
mediums, preventing dehydration of culture mediums, 352
- Custer, R. P.: Toxic adenomatous thyroid with persistent thymus presenting unusual anatomical features, 848
- Cuterbridge, G. W.: Foreign body (common pin) in omentum, 849
- Cyanides, mechanism of goblet-cell secretion in mammals: effects of cyanide, 657
- Cystadenoma, papillary cystadenoma of pancreas, 349
- Cysts, branchiogenetic, relation of tonsil to, 683
ileocecal cysts, 157
- Deaths**, pathologic-anatomic bases for sudden deaths, 674
unexpected autopsy results in unexpected deaths, 350
- Delaney, P. A.: Dual carcinomas, primary in lung and in prostate, 528
- Delinquents, self-mutilation of, 523
- Dementia praecox and trauma, 672
- Dengue, transmission of dengue in Sumatra, 163
- Dermoid of cerebellum, 992
- Diabetes, Hinton, Kahn and Wassermann tests in diabetes, 181
structural lesions of diabetic coma, 820
thrombosis of hepatic artery with sudden resistance to insulin in diabetic patient, 530
- Dimethyl-sulphate, case of suicide by use of, 673
- Diphtheria, anaphylaxis to diphtheria toxin; passive transfer experiments, 841
antibodies, evolution in horses, 1003
antibodies transmitted from mother to child, 840
antitoxin, production on addition of nonspecific substances to antigen, 1003
bacillus, dissociation of, 334
bacillus, new medium for differentiating forms of, 1001
bacteriophage, distribution of, 334
electrophoresis of organisms belonging to pneumococcus and diphtheria groups, 825
toxin and anatoxin, purification of, 1007
toxin-antitoxin reaction without neutralization, 836
toxin, medial degeneration in aorta of rabbit produced by, *543
- Diphtheroids in blood cultures, 830
phase of streptococci, 666
- Diphyllobothrium, distribution in North America, 832
- Disinfectant, phenyl-mercury-nitrate as, 667
- Dorsey, A. H. E.: Experimental thrombo-angitis obliterans; bacteriologic and pathologic studies, *910
- Ductus arteriosus, regression of ductus Botalli in man, 158
- Ductus—Continued
choledochus: See Bile duct
omphalomesentericus, persistent ductus omphalomesentericus, 156
- Duff, G. L.: Medial degeneration in aorta of rabbit produced by diphtheria toxin, *543
- Duodenum, atresia, 329
congenital atresia of duodenum with duplication of bile and pancreatic ducts, 992
discharge of bile into, 656
inflammatory adenomatoid hyperplasia of major duodenal papilla in man, 156
- Dust, identity of house dust allergen, 344
- Dysentery, action of bacteriophages on agglutinin for human red cells in *B. dysenteriae*-Shiga, 515
anatoxin, 515
bacillus, Forssman antigens in *B. paratyphosus* B and *B. dysenteriae* shiga, 840
endemic amebic dysentery in residents of New York City, 538
- Eagle, H.:** Precipitation tests for syphilis, 357
- Ear, albino rat colony free from middle ear diseases, 997
- Echinococcosis, alveolar echinococcus disease in Genf, 670
- Eclampsia, therapeutics based on pathologic physiology, 153
- Ectodermal dysplasia, hereditary, 660
- Ectrodactylism: See under Fingers
- Edema, experimental edema and lipemia produced by repeated bleeding, *415
mechanism of thrombophlebitic edema, 656
- Eggers, H. E.: Etiology of cancer; cancer metabolism, *462
Etiology of cancer; irritation, *112
Etiology of cancer; miscellaneous features, *296
- Ehrlich, W.: Pathogenesis of bronchiolitis obliterans; observations in cases of Bright's disease, *69
- Eisenberg, A. A.: Hürthle cell tumor, *716
- Ella Sachs Plotz Foundation for Advancement of Scientific Investigation, 151
- Embolism, pulmonary, fatal, 331
- Emotions, emotional trauma and exophthalmic goiter, 845
estimation of emotional response by means of *pH* value of urine, 845
- Emphysema of lung, genesis of, 664
- Encephalitis, experimental transmission of epizootic fox encephalitis, 826
of dogs with Eck fistula fed on meat, *80
postvaccinal, 671
tularemia, with coexisting tuberculosis, 818
- Endarteritis, productive-degenerative form of endarteritis of small pial vessels, 660
- Endocarditis, early lesions of rheumatic endocarditis, *1
lenta, bacterial counts in arterial and venous blood in, 337
mycotic aneurysms at root of aorta in subacute bacterial endocarditis, 535
relation between bacteria and temperature in subacute bacterial endocarditis, 830
sudden death in asymptomatic subacute bacterial endocarditis, 351
syphilitic aortic endocarditis and superimposed streptococcus viridans endocarditis, 819
- Endocardium, calcification in domestic animals, 664
myxofibroma of, 991

INDEX TO VOLUME 13

- Endocrine Gland extracts in experimental carcinoma and sarcoma of albino rats, 1012
sudden death from insufficiency of, 846
- Eosinophilia, genesis of eosinophilia, 158
- Epididymis, tuberculosis of, with tularemia encephalitis, 818
- Epinephrine: See Suprarenal preparations
- Epithelioma and sarcoma of stomach, 349
- Epithelium, effects of certain substances on ciliated epithelium of guinea pig, 323
tissue culture of so-called alveolar epithelium from tuberculous lungs, 507
- Ergosterol, antirachitic vitamin from irradiated ergosterol, 825
calcium and phosphorus intake in hypercalcemia and hyperphosphatemia due to irradiated ergosterol, 822
content of mycobacterium, 1000
early stages in changes caused by irradiated ergosterol, 659
effect of irradiated ergosterol on calcification of tubercles, 163
effect on bone, 154
hypervitaminosis, 325
- Erysipelas, electrophoretic study of streptococci of scarlet fever and erysipelas, 1000
- Erythroblastoma, chloro-erythroblastoma; report of case, *56
- Erythrocytes, antigens of red blood cell stroma, 516
elliptical human erythrocytes, report of 2 cases, *193
factors influencing erythrocytic sedimentation, 356
influence of infectious processes on permeability of erythrocytes, 824
- Esophagus, pharyngo-esophageal diverticulum with sub-diverticular esophageal stenosis, foreign body impaction and sudden death; report of case, *905
- Ethyl alcohol in concentration of antipneumococcus serum, 838
- Eugenio, V.: Elliptical human erythrocytes, report of 2 cases, *193
- Eunuchoidism, 665
- Ewert, E. E.: Influence of reaction of urine on growth of bacteria, 679
- Exanthin reaction; local skin reaction with extracts of proteus X19 (the exanthin reaction), 1007
- Exhaustion, influence of, on antibody production and on course of infection, 1006
- Eye, spirochetes in eye following subcutaneous inoculation of syphilis, 337
- Fallopian tube, cancer of uterine horn and interstitial portion of fallopian tube, 518
- Femur, changes in head of femur following fracture of neck, 990
- Fibroblastoma, primary, of brain, 675
- Fibrosis cystica, generalized, of bone associated with tumor of parathyroid, 1015
- Fingers, hereditary ectrodactylism in siblings, 655
inheritance of papillary patterns of palm and fingers, 351
- Fishback, D. K.: Study of phosphorus partition in experimental degeneration of striated muscle, 677
- Fishback, H. R.: Study of phosphorus partition in experimental degeneration of striated muscle, 677
- Fistula, encephalitis of dogs with Eck fistula fed on meat, *80
- Flea, rat flea as vector of typhus, 828
- Fluoride poisoning, accidental, 181
poisoning, suicidal, 181
- Foot-and-mouth disease in vaccine lymph, 514
- Fowl-pox, cataphoresis experiments with protein-free suspensions of bacteriophage and fowl-pox virus, 510
susceptibility of chick embryos to fowl-pox virus, 163
virus, adsorption and elution of bacteriophage and, 832
- Fracture, callus formation and roentgen irradiation, 820
- Frisbee, F. C.: Bacteriophage as therapeutic agent in staphylococcus bacteria, 686
- Fungus, radiate formation due to hyphomycete (*Aspergillus?*) as seen in pulmonary granulomatosis of capybara, *725
- Gallbladder, cholesterol function of, 326
mechanisms of contraction and evacuation of, 656
pyemic embolic cholecystitis with multiple lesions in gallbladder leading to perforation and localized peritonitis, 1017
- Ganglioneuroma, multiple, *713
of brain, 843
of central nervous system, 346
- Gelatinothorax, 166
- Geographic pathology, International Association for Geographic Pathology, 321
- Gerhard medal, award of, 322
- Gliomas of retina, 347
- Glomerulonephritis: See under Kidney
- Goiter, emotional trauma and exophthalmic goiter, 845
- Gold, preparation and standardization of colloidal gold for Lange test, 181
- Gonococcus, properties of bouillon filtrate of, 512
- Graef, I.: Histologic distribution of fat and lipids in various diseases of kidney; a preliminary report, 535
- Granulation tissue, continuous observations on living granulation tissue, 504
- Granuloma, coccidioidal, 994
coccidioidal, histology of, 670
foreign body granuloma due to spores of lycopodium, 188
granuloma-like allergic inflammation, 342
infectious, plasma cells in, 664
inguinal, infection of monkeys with, 827
- Granulosa cell hyperplasia of ovary, 851
- Grewal, J. S.: Renal blastoma with cranial metastasis, 681
- Guttman, P. H.: Rapid method for staining frozen sections, *433
- Hand, hereditary ectrodactylism in siblings, 655
inheritance of papillary patterns of palm and fingers, 351
- Hanke, M. T.: Role of nutrition as factor in prevention and treatment of dental diseases, 532
- Harvard Medical School, professorship of legal medicine in, 322
- Haven, H.: Multiple ganglioneuroma, *713
- Haymond, H. E.: Lumbosacral teratoma associated with spina bifida occulta, 679
- Heart, anomalous papillary muscle attached to pulmonary valve, 659

INDEX TO VOLUME 13

Heart—Continued

- anomalous reticula (Chiari network) in right atrium of human heart, frequency of, 819
- anomaly, persistent truncus arteriosus, 659
- anomaly, truncus solitarius aorticus, 659
- cardiodynamic effects of acute experimental mitral stenosis, 323
- disease, pancreas in, 664
- diverticulum of, 991
- experimentally produced focal (dental) infection in relation to cardiac structure, *392
- foreign body in, 845
- four-cusped pulmonary valve, 360
- local anaphylactic inflammation in rabbit pericardium, heart, and aorta, 836
- preservation of hearts by paraffin infiltration, 352
- sudden death from interstitial cardiac hemorrhage, 351
- topographic anatomy and histology of valves in human heart, 156
- Hellwig, C. A.: Biopsy in tumors, *607
- Helmholz, H. F.: Experimental production of glomerulonephritis in rabbit, *592
- Hemangioma, cavernous, of brain, 842
- Hematoporphyrosis, experimental, of bones, 990
- Hemochromatosis and primary carcinoma of liver; report of case, with review of literature and discussion of pathogenesis, *88
- Hemoglobin, regeneration of red cells following copper and iron therapy, 681
- relation of liver to disposal of, 988
- Hemophilia, does hemophilic blood contain an excess of anticoagulant? 985
- Hemorrhage, experimental edema and lipemia produced by repeated bleeding, *415
- Hernia, ventral, 993
- Herpes antiserum, passive immunization with, 1006
- immunologic relationship between herpes and vaccinia, 1006
- virus in mice, 830
- Herrold, R. D.: Influence of reaction of urine on growth of bacteria, 679
- Higgins, G. M.: Experimental pathology of liver; restoration of liver in white rats after partial removal and splenectomy, *573
- Hill, J. M.: Mesenteric lymphadenectasis, 1015
- Histamine, content of histamine-like substances in guinea-pig in protein sensitization, 516
- Histiocytes of blood, destruction of, 989
- relation of lymphocytes, monocytes and histiocytes to each other, 329
- Hodgkin's Disease: See Lymphogranuloma
- Hollingsworth, E. W.: Elliptical human erythrocytes, report of 2 cases, *193
- Horn, H.: Histologic distribution of fat and lipoids in various diseases of kidney, 535
- Horton, B. T.: Experimental thrombo-angitis obliterans; bacteriologic and pathologic studies, *910
- Howard, N. J.: Chloro-erythroblastoma; report of case, *56
- Hueper, W. C.: Action of antileukocytic serum on tissue cultures, *584
- Hürthle cell tumor, *716
- Hydatid Cyst: See Echinococcosis
- Hydrocephalus in infant with vestiges of choroid plexus in fourth ventricle only, 662
- Hydrophobia: See Rabies

Hyperglycemia: See Blood sugar

Hypomycete, radiate formation due to hypomycete (*Aspergillus*?) as seen in pulmonary granulomatosis of capybara (*hydrochoerus hydrochoerus*); nature of fungus incrustments in general, *725

Hypochromemia: See Anemia

Hypothyreosis, lingual struma and hypothyreosis, 330

Icterus: See Jaundice

Immunity: See also Anaphylaxis and Allergy
hypersensitivity to bacterial proteins and its rôle in susceptibility and immunity, 833

influence of simultaneous introduction of various antigens on, 515

local tissue immunity, *868

morphology of phenomena of hypersensitivity and immunity, 172

quantitative development of group-specific receptors in serum of new-born infant, 514

Immunization, effect of oral immunization on formation of humoral antibodies, 1005

quantitative relations in lipid-antibody production following combined immunization, 173

reaction of lymphoid tissues to active immunization, 1005

Immunology, chemo-immunological studies on conjugated carbohydrate-proteins, 169

Infant, new-born, mononuclear erythrophagocytosis in blood of, 659

new-born, thrombosis of inferior vena cava in, 990

quantitative development of group-specific receptors in serum of new-born infant, 514

stillborn, uric acid infarcts in, 352

Infarcts, uric acid infarcts in stillborn infant, 352

Infection, focal, experimentally produced focal (dental) infection in relation to cardiac structures, *392

influence of exhaustion on antibody production and on course of, 1006

with so far undetermined parasite, 182

Inflammation, electrical charge of leukocytes in inflamed tissues, 824

Influenza bacilli, effect of X and Y growth-factors on pathogenicity of indol-producing strains of, 335

immunological studies of colds and influenza, 338

swine; experimental transmission and pathologic anatomy, 995

swine, filtration experiments and etiology in, 996

swine, hemophilic bacillus from respiratory tract in, 996

Inhibition, specificity of serological reactions with simple chemical compounds (inhibition reactions), 168

Insulin, resistance to insulin; response to insulin in rabbits during leukocytosis induced by sodium nucleinate, *766

thrombosis of hepatic artery with sudden resistance to insulin in diabetic patient, 530

Intestine, atresia of small intestine, 993

choriocarcinoma without a primary genital focus, 519

device for cleaning bowel postmortem, 525

diverticula of small intestine, multiple, 329

ileocecal cysts, 157

obstruction; Meckel's diverticulum, 155

physiological responses and immune reactions to extracts of certain intestinal parasites, 985

INDEX TO VOLUME 13

- Intranuclear inclusions in submaxillary gland of rat, 832
- Iodine, effect of epinephrine on iodine concentration of blood, 824
- Iron, regeneration of red cells following copper and iron therapy, 681
- Islands of Langerhans: See Pancreas
- Iso-Agglutinins: See Agglutinins
- Itch, experimental "mad itch," 165
- Jacobi, M.: Sarcoma-like tumor of pleura, 534
- Jaundice due to arsphenamine, 989
- Jensen, C. R.: Experimental infarction of glomeruli in dogs; blood pressure in chronic renal insufficiency, *255
- Jones, H. O.: Granulosa cell hyperplasia of ovary, 851
- Jones, N. W.: Experimentally produced focal (dental) infection in relation to cardiac structure, *392
- Joslyn, E. P., Kober medal awarded to, 654
- Kantrowitz, A. R.: Extragenital chorion-epithelioma in man, 186
- Keith, H. M.: Effect of diacetone alcohol on liver of rat, *707
- Keratitis, experimental luetin parenchymatous keratitis, 344
- Kernwein, G. A.: Combined congenital exstrophy of female urinary bladder and cloaca, *926
- Ketone excretion, 821
- Kidney, acute experimental glomerulitis following repeated injections of haemolytic streptococci into renal artery, 325
- aplasia of, bilateral, 159
- arteriosclerosis and hypertension, 665
- blastoma with cranial metastasis, 681
- changes in poisoning with mercuric chloride, 664
- denervation; effect of snake venom and chilling on renal vascularization, *233
- effect of ligation of renal vein, 658
- effects of unilateral nephrectomy on open glomeruli and urine output, 326
- experimental acute hematogenous nephritis, 154
- experimental infarction of glomeruli in dogs; blood pressure in chronic renal insufficiency, *255
- experimental nephritis in frog, 987
- experimental production of glomerulonephritis in rabbit, *592
- experimental renal disease produced by x-ray, 153
- experimental vascular sclerosis in kidneys of rabbits, 327
- function, recent developments in experimental study of, 847
- hemorrhage, perirenal, 990
- histologic distribution of fat and lipoids in various diseases of, 535
- necrosis of, bilateral, diffuse, cortical, 529
- pathogenesis of bronchiolitis obliterans; observations in cases of Bright's disease, *69
- transmission of subacute nephritis, 167
- urea tolerance after unilateral nephrectomy in rabbits, 986
- Killian, J. A.: Factors influencing erythrocytic sedimentation, 356
- Klein, J.: Neuroblastoma of suprarenal gland, with multiple metastases, 677
- Klemperer, P.: Endemic amebic dysentery in residents of New York City, 538
- Kober medal to E. P. Joslyn, 654
- Köhler's disease of scaphoid bone, 820
- Korpásky, B.: Encephalitis of dogs with Eck fistula fed on meat, *80
- Kumpf, A. E.: Experimental edema and lipemia produced by repeated bleeding, *415
- Laboratory apparatus, pore size and sieve action of bacterial filters, 512
- technic, device for cleaning bowel postmortem, 525
- technic, improved method of obtaining residue structures in microscopic sections by dry heat, 525
- Lange Test: See Cerebrospinal Fluid
- Leary, T.: Early lesions of rheumatic endocarditis, *1
- Lecithin, microdetermination of lecithin in blood and plasma, 823
- Légal medicine, professorship of, in Harvard medical school, 322
- medicine, relation of pathology to legal medicine, 350
- Lelomyoma, metastasizing, of stomach, 677
- Lelomyosarcoma, tumors of muscle type; report of group of cases with reference to metastasis of leiomyosarcoma to brain, *857
- Leishmania donovani, electrical behavior of, 667
- donovani, new mediums for, and metabolism of, 667
- Lens, crystalline, experimental studies on fractions of lens protein, 173
- Leprosy, a filtrable virus, 167
- cultivation of *Bacillus leprae* and experimental leprosy lesions in monkeys, 666
- Leukemia, acute, with 5 months remission, 520
- heredity of spontaneous leukemia, pseudo-leukemia, lymphosarcoma and allied diseases in mice, 174
- lymphatic, systemic reticulo-endothelial proliferations with tumor-like formations in, 1014
- mast myelocyte leukemia in cat, 818
- Leukocytes, action of antileukocytic serum on tissue cultures, *584
- effect of hemolytic streptococci and their products on leukocytes, 1001
- electrical charge of leukocytes in inflamed tissues, 824
- relation of lymphocytes, monocytes and histiocytes to each other, 329
- resistance to insulin; response to insulin in rabbits during leukocytosis induced by sodium nucleinate, *766
- stem cell of monocyte, *889
- Lewis, J. H.: Antigenic relationship of lipoids from brain and testicle, 529
- Lipemia: See Blood, fats and lipoids
- Lipogranulomatosis, 662
- Lipoids, antigenic relationship of lipoids from brain and testicle, 529
- quantitative relations in lipid-antibody production following combined immunization, 173
- Liver, actinomycosis of stomach and, 669
- anatomic changes in livers of dogs following mechanical constriction of hepatic veins, 679
- cancer, hemochromatosis and primary carcinoma of liver; report of case, with review of literature and discussion of pathogenesis, *88
- cancer, primary, 522

INDEX TO VOLUME 13

Liver—Continued

- cirrhosis, atrophic, histogenesis of, *691
- cirrhosis, copper content of, 505
- cirrhosis, microchemical demonstration of copper in pigment cirrhosis, 161
- denervation of, effects of, 986
- does copper poisoning produce pigmentation and cirrhosis of liver? 152
- effect of diacetone alcohol on liver of rat, *707
- effect of heavy carrot-feeding on rabbit's liver, 152
- effect of toxic substances of tubercle bacillus on, 668
- enzootic hepatitis or Rift Valley fever, 166
- experimental diffuse hepatitis, 327
- experimental hepatic pigmentation and cirrhosis, 152
- experimental pathology; restoration of liver in white rats after partial removal and splenectomy, *573
- function, gelatin test for, 525
- melanoma, primary, 843
- pathologic occurrences in liver in experimental venous stagnation, 663
- relation of liver to disposal of hemoglobin, 988
- subfractions of globulin and albumin in transudates of liver cirrhosis, sarcoma and carcinoma, 162
- treatment, effect of liver treatment on changes in spinal cord in pernicious anemia, 661
- Loesch, J.: Systemic reticulo-endothelial proliferations with tumor-like formations in chronic lymphatic leukemia, 1014
- Long, E. R.: Thrombosis of hepatic artery with sudden resistance to insulin in diabetic patient, 530
- Lumbosacral teratoma associated with spina bifida occulta, 679
- Lungs, amniotic sac contents in lungs of infants, 660
 - cancer, dual carcinomas, primary in lung and in prostate, 528
 - cancer of lung in miners of Joachimsthal, Czecho-Slovakia, 178
 - collapse, massive, following bronchial obstruction by calcified tuberculous tracheobronchial lymph nodes, 1016
 - fibrosis, experiments of short duration, 816
 - primary pulmonary tubercle appearing in patient with advanced Hodgkin's disease, *558
 - radiate formation due to hyphomycete (*Aspergillus*?) as seen in pulmonary granulomatosis of capybara (*hydrochoerus hydrochoerus*): nature of fungus incrustments in general, *725
 - silicosis of, 994
 - tuberculosis: See Tuberculosis, pulmonary
- Lycopodium, foreign body granuloma due to spores of lycopodium, 188
- Lymph, rapidity of interchange between blood and lymph in dog, 985
 - vessels, observations on lymphatic capillaries studied microscopically in living mammal, 360
- Lymph Nodes, massive atelectasis of lung following bronchial obstruction by calcified tuberculous tracheobronchial lymph nodes, 1016
- mesenteric lymphadenectasis, 1015
- primary reticellular sarcoma of, 676
- reaction of lymph nodes in experimental infection, 671

Lymph Nodes—Continued

- secondary nodules of lymph nodes, their relation to chronic inflammatory processes, *367
- tuberculosis of pleural lymph nodes, 337
- Lymphadenectasis, mesenteric, 1015
- Lymphangioma of tendon, 519
- Lymphocytes, relation of lymphocytes, monocytes and histiocytes to each other, 329
- Lymphogranuloma, blood in lymphogranulomatosis, 159
 - changes in spinal cord in lymphogranulomatosis, 661
 - experimental studies on lymphogranulomatosis, 1002
 - Hodgkin's disease of bone marrow and spleen without apparent involvement of lymph nodes, 816
 - lesions suggestive of Hodgkin's disease in tuberculosis, 827
 - lymphogranulomatosis of bones, 332
 - nature of Hodgkin's disease, 345
 - primary isolated lymphogranulomatosis of stomach, 158
 - primary pulmonary tubercle appearing in patient with advanced Hodgkin's disease, *558
- Lymphoid tissues, reaction of, to active immunization, 1005
- Lymphosarcoma, heredity of spontaneous leukemia, pseudoleukemia, lymphosarcoma and allied diseases in mice, 174
- Meintosh, J. F.: Pathogenesis of bronchiolitis obliterans; observations in cases of Bright's disease, *69
- McNaught, J. B.: Chloro-erythroblastoma; report of case, *56
- MacNeal, W. J.: Bacteriophage as therapeutic agent in staphylococcus bacteria, 686
 - Influence of blood and exudate on action of bacteriophage against colon bacillus, 685
- Mad itch, experimental "mad itch," 165
- Malarial pigment, 823
- Malta Fever: See Undulant fever
- Marberg, C. M.: Role of nutrition as factor in prevention and treatment of dental diseases, 532
- Meat, biologic differentiation of meat boiled for a long time, 1008
 - encephalitis of dogs with Eck fistula fed on, *80
 - serologic studies on putrefaction of, 173, 343
- Meckel's Diverticulum: See Intestine obstruction
- Medal, award of William Wood Gerhard gold medal to A. N. Richards, 847
- Meeker, L. H.: Relation of tonsil to branchiogenic cysts, 683
- Melanomas of grey and white horses, 347
 - meninges, 1009
 - primary, of liver, 843
 - silver impregnation of melanotic tumors, 1010
- Melnick, P. J.: Metastasizing leiomyoma of stomach, 677
- Meninges, melanoma of, 1009
- Meningitis, cerebral lesions in purulent meningitis, 504
 - influenzal, antiserum in, 837
- Meningococcus, endemic purpuric meningococcus bacteremia in early life, 665
 - extracellular meningococcus toxins, 170
 - local skin reactivity; antibody auxiliary to serum neutralization of meningococcus reacting factors, 341

INDEX TO VOLUME 13

- Meningococcus**—Continued
 serologic study of polysaccharites of, 342
- Mercuric chloride**, renal changes in poisoning with, 664
- Mesentery**, lymphadenectasis, 1015
- Metabolism** studies in chronic hyperparathyroidism, 985
- Microglia**: See **Neuroglia**
- Miller, R. E.**: Secondary nodules of lymph nodes, their relation to chronic inflammatory processes, *367
- Milles, G.**: Renal denervation; effect of snake venom and chilling on renal vascularization, *233
- Miners**, cancer of lung in miners of Joachimsthal, Czechoslovakia, 178
- Monillias**, certain monillias parasitic on man, 998
 characteristics of monillia from human sources, 831
- Monocytes**: See **Leukocytes**
- Mononucleosis**, infectious, presence of heterophile antibodies in, 833
- Moon, V. H.**: Histogenesis of atrophic cirrhosis, *691
 International Association for Geographic Pathology, 321
- Morphine**, cellular changes in albino rat due to morphinism, 153
- Morrison, M.**: Analysis of blood picture in 100 cases of cancer, 184
- Müller, E. F.**: Renal denervation; effect of snake venom and chilling on renal vascularization, *233
- Mumps**: See **Parotitis**
- Muscle**, anomalous papillary muscle attached to pulmonary valve, 659
 phosphorus partition in experimental degeneration of striated muscle, 677
 tumors of muscle type; report of group of cases with reference to metastasis of leiomyosarcoma to brain, *857
- Mycobacteria**: See under **Bacteria**
- Myeloma** with unusual amyloid deposition, 1011
- Myocarditis**, syphilitic, *266, *436
- Myocardium** infarction, incidence and situation in 1000 consecutive postmortem examinations, 817
 unmasking fragmentatio myocardi, 330
- Myxofibroma** of endocardium, 991
- Nephrectomy**: See under **Kidney**
- Nephritis**: See under **Kidney**
- Nerves**, peripheral, anatomic and pathologic considerations, 661
 vasodilatation in limbs in response to warming body with evidence for sympathetic vasodilator nerves in man, 987
- Nervous System**, ganglioneuromas of central nervous system, 346
 injury and repair within sympathetic nervous system, 324
 lesions resulting from deficiency of vitamin B complex, *207
 regenerative possibilities of central nervous system, 324
 tumors; multiple ganglioneuroma, *713
 tumors of basal ganglia, 675
- Neurinoma** of pia mater of brain, 177
- Neuritis**, interstitial peripheral neuritis in experimental poliomyelitis, 830
- Neuritis**—Continued
 retrobulbar; symptomless occurrence of tubercle bacilli in tonsils with recurrent arthritis and retrobulbar neuritis, 511
- Neuroblastoma** of suprarenal gland with multiple metastasis, 677
- Neuroglia**, 159
 functions of glia in secondary degeneration of spinal cord; oligodendroglia as phagocytes, *23
- Neurosyphilis**: See under **Syphilis**
- New-Born**: See under **Infant**
- Newsom, S. J.**: Experimentally produced focal (dental) infection in relation to cardiac structure, *392
- Niemann-Pick's disease** (essential lipoid histiocytosis), 328
- Nodules**, secondary nodules of lymph nodes, their relation to chronic inflammatory processes, *367
- Olcott, C. T.**: Generalized necrotizing arthritis, 353
- Old age**; old and young antigens and iso-antibodies of old age, 174
- Oligodendroglia**: See **Neuroglia**
- Omentum**, foreign body (common pin) in omentum, 849
- Osteomyelitis**, carcinoma in osteomyelitic sinus, 175
- Osteosarcoma** in rabbit following radium irradiation, 843
- Ovary**, biologic experiments with ovarian thyroid material, 328
 granulosa cell hyperplasia of, 851
 hemorrhage into stroma of both ovaries a sequel of mitral stenosis, 678
 implantation peritoneal carcinomatosis of ovarian origin, 345
 morphogenetic influence of recurrent carcinoma of ovary on uterine mucosa, 842
- Ovum**, biologic specificity of female germinal plasma of chicken, 515
- Oxycephaly**, constitutional variations in cranial form and oxycephaly, 993
- Pacheco, G. A.**: Local tissue immunity, *868
- Paget's Disease of Bone**: See under **Bone**
- Pancreas**, adenoma of islands of Langerhans with hypoglycemia, successfully removed, 175
 cystadenoma, papillary, 349
 in heart disease, 664
 juice, spontaneous peptic ulcers of duodenum after continued loss of, 657
 tumors of islands of Langerhans and hypoglycemia, 1011
- Pancreatic Ducts**, congenital atresia of duodenum with duplication of bile and pancreatic ducts, 992
 variations in pancreatic ducts and minor duodenal papilla, 660
- Papillary patterns**, inheritance of papillary patterns of palm and fingers, 351
- Paraffin infiltration**, preservation of hearts by paraffin infiltration, 352
- Paraldehyde poisoning**, fatal, 524
- Paralysis**, cerebral birth palsy, 329
 following prophylactic treatment for rabies, 1004
- Parasite**, infection with so far undetermined parasite, 182

INDEX TO VOLUME 13

- Parasite—Continued
physiological responses and immune reactions to extracts of certain intestinal parasites, 985
- Parathyroid, generalized fibrosis cystica of bone associated with tumor of, 1015
metabolism studies in chronic hyperparathyroidism in man, 985
metastatic carcinoma simulating hyperparathyroidism, 175
production and repair of bone lesions in experimental hyperparathyroidism, 986
- Paratyphoid bacilli, heterophile antigens in, 344
bacilli, production of specific serum with paratyphoid bacilli, 516
Forssman antigens in *B. paratyphosus* B and *B. dysenteriae* Shiga, 840
new serologic diagnosis of typhoid and paratyphoid bacilli and of related bacteria, 173
- Parmaek, L.: Occlusion of great vessels of neck in syphilitic aortitis with aortic and innominate aneurysms, 851
- Parotitis, human blood in protection against, 833
- Paternity, inheritance of papillary patterns of palm and fingers, 351
- Pathology, pathologic significance of residue structures in microscopic sections, 505
relation to legal medicine, 350
- Peptic Ulcer associated with pulmonary tuberculosis, 655
production of gastric and duodenal ulcers in experimental cinchophen poisoning, 850
spontaneous peptic ulcers of duodenum after continued loss of pancreatic juice, 657
- Pericarditis, etiology of, 669
experimental chronic obliterative pericarditis, 658
- Pericardium, congenital absence of pericardium, 157
local anaphylactic inflammation in rabbit pericardium, heart and aorta, 836
- Peritoneum, implantation peritoneal carcinomatosis of ovarian origin, 345
massive unattached retroperitoneal tumors, 1010
- Peritonitis, pyemic embolic cholecystitis with multiple lesions in gallbladder leading to perforation and localized peritonitis, 1017
- Perla, D.: Mycotic aneurysms at root of aorta in subacute bacterial endocarditis, 535
- Petersen, W. F.: Renal denervation; effect of snake venom and chilling on renal vascularization, *233
- Phagocytes, oligodendroglia as, *23
- Phanodorn poisoning, 524
- Pharynx, pharyngo-esophageal diverticulum with sub-diverticular esophageal stenosis, foreign body impaction and sudden death; report of case, *905
- Phenyl-mercury-nitrate as disinfectant, 667
- Phosphorus, calcium and phosphorus intake in hypercalcemia and hyperphosphatemia due to irradiated ergosterol, 822
partition in experimental degeneration of striated muscle, 677
- Pia mater, neurinoma of pia mater of brain, 177
- Pituitary Body, adenoma of hypophysis with multiple bone metastases, 676
basophilic adenoma of hypophysis with associated pluriglandular syndrome, 346
- Pituitary Extract, gonad-stimulating substances of anterior lobe of pituitary body and of urine in pregnancy, 326
- Placentoma in young rats after gonadol stimulation, 1011
- Plague, chronic plague lasting 17 months, 167
- Plaut, A.: Infection with so far undetermined parasite, 182
- Pleura, immunological reactions of pneumonic pleural fluids, 836
mycobacterium (*Sp.?*) isolated from pleural exudate, 666
sarcoma-like tumor of, 534
- Plotz, Ella Sachs Plotz Foundation for Advancement of Scientific Investigation, 151
- Pneumococci, antibodies in serum of rabbits immunized with heat-killed types I pneumococci, 340
antiserum; pyrogenic reaction to antipneumococcus serums, 513
chemical and immunological studies of pneumococcus, 169
correlation between protective value and other immunologic reactions of type I antipneumococcus serum, 838
cutaneous reactions in rabbits to type-specific capsular polysaccharides of pneumococcus, 340
electrophoresis of organisms belonging to pneumococcus and diphtheria groups, 825
ethyl alcohol in concentration of antipneumococcus serum, 838
identity of type-specific agglutinin and precipitin reactions with, 835
localization of pneumococci in lungs of partially immunized mice following inhalation of pneumococci, 340
oral immunization against pneumococcus types II and III, and type I, 834
oral immunization with soluble specific pneumococcal substance, 835
resistance of dehydrated pneumococci to chemicals and heat, 995
specific agglutination of pneumococcus types I, II and III, 837
specific antigenic carbohydrate of type I pneumococcus, 512
types, in vitro transformation of, 998
- Pneumoconiosis, 994
pulmonary, in dog, 663
pulmonary asbestosis with report of 2 cases, 850
- Pneumonia, cutaneous reactions and circulating antibodies in lobar pneumonia, 341
immunologic reactions of pneumonic pleural fluids, 836
- Poisoning or sudden natural death, 1012
recognition of poisoning in corpses, 674
- Poliomyelitis, artificial fever and experimental poliomyelitis, 513
experimental, interstitial peripheral neuritis in, 830
nature of viricidal antibody in antipoliomyelitis serum, 512
neuro-anatomy in respiratory failure, 325
ultrafiltration studies on virus of, 510
- Pollack, H.: Thrombosis of hepatic artery with sudden resistance to insulin in diabetic patient, 530
- Postmortem: See Autopsies
- Pregnancy following prolonged use of radium, 1016
gonad-stimulating substances of anterior lobe of pituitary body and of urine in pregnancy, 326

INDEX TO VOLUME 13

- Pregnancy—Continued**
hyperplasia of uterine muscle during pregnancy, 508
renal lesions in toxemia of, 818
- Priestley, J. T.:** Experimental pathology of liver; restoration of liver in white rats after partial removal and splenectomy, *573
- Prize, Phillips,** 503
- Prostate, cancer;** dual carcinomas, primary in lung and in prostate, 528
- Proteins, diffusibility of proteins of normal and pathological plasma,** 822
fractions of lens protein, 173
histologic changes following parenteral introduction of autogenous protein, 990
sensitization, content of histamine-like substances in guinea-pig in, 516
- Protozoa, use of protozoa in measuring neutralizing value of cobra antiserum,** 171
- Protozoan-like inclusions in infant,** 668
- Pseudoleukemia, heredity of spontaneous leukemia, pseudoleukemia, lymphosarcoma and allied diseases in mice,** 174
- Psittacosis, 3 cases with 2 deaths,** 335
- Purpura in meningococcus bacteremia,** 665
- Rabies, paralysis following prophylactic treatment for,** 1004
rabid antibodies in rabbits immunized against, 514
spread of rabies virus within body, 670
- Rachitis: See Rickets**
- Radiation, bactericidal effects of tissues from healthy and irradiated animals,** 172
- Radioactive substances, production of experimental tumors by means of radioactive substances,** 176
- Radium, osteosarcoma in rabbit following radium irradiation,** 843
pregnancy following prolonged use of radium, 1016
- Raynaud's disease with reference to arteriolar defects and to scleroderma,** 327
- Reactions, specificity of serological reactions with simple chemical compounds (inhibition reactions),** 168
- Read, W. T., Jr.:** Biliary cirrhosis with atresia of external bile ducts and absence of spleen, 360
- Four-cusped pulmonary valve,** 360
- Reflexes, can conditional reflexes of Pawlow stimulate production of immune antibodies?** 518
- Reimann, S. P.:** Neoplasms as results of inheritable chromosome alterations, 849
- Relapsing fever, reticulo-endothelial system in immunity in relapsing fever,** 344
- Respiration, neuro-anatomy in respiratory failure,** 325
of normal and tumor tissues, 177
- Respiratory tract, infection of accessory sinuses and upper respiratory tract in avitaminosis of rats,** 999
- Reticulo-Endothelial System and experimental tuberculosis,** 672
hyperplasia of, 160
in immunity in relapsing fever, 344
leukemic reticulo-endotheliosis, 820
proliferations with tumor-like formations in chronic lymphatic leukemia, 1014
vital storage in experimental tuberculosis, 511
- Retina, gliomas of retina,** 347
- Rheumatic fever, streptococcal agglutinins in chronic infectious arthritis and rheumatic fever,** 339
- Rheumatism, earliest tissue changes in acute rheumatic infection,** 993
early lesions of rheumatic endocarditis, *1
- Rhinosporidium kinealyi (seeberi) infection,** 165
- Richards, A. N., Award of William Wood Gerhard gold medal to,** 847
Recent developments in experimental study of function of kidney, 847
- Rickets, antirachitic vitamin from irradiated ergosterol,** 825
- Rickettsia-like microorganisms, cultivation of, from certain blood-sucking pupipara,** 828
- Prowazeki in tissue cultures, behavior of,** 995
- Riomer, B.:** Rapid and simple method for macerating bone, *605
- Rift Valley fever, enzootic hepatitis or Rift Valley fever,** 166
- Rinehart, J. F.:** Stem cell of monocyte, *889
- Roentgen Rays, effect on callus formation, 820**
experimental renal disease produced by x-ray, 153
precancerous changes by x-rays, 178
some effects of roentgen radiation on dividing cells in tissue cultures, 327
- Rokitansky, Carl,** 526
- Rosedale, R. S.:** Case of generalized fibrosis cystica of bone associated with parathyroid tumor, 1015
- Rosen, S.:** Mycotic aneurysms at the root of aorta in subacute bacterial endocarditis, 535
- Rosenthal, S. R.:** Hemochromatosis and primary carcinoma of liver; report of case, with review of literature and discussion of pathogenesis, *88
- Rukstiat, G.:** Hemorrhage into stroma of both ovaries; a sequel of mitral stenosis, 678
- Russell, M. A.:** Action of antileukocytic serum on tissue cultures, *584
- Rye, histamine-like substance in rye pollen (secale cereale),** 1006
- Salmonella paratyphi immunologic classification of Salmonella paratyphi (B. paratyphosus A) of Brion and Kayser,** 174
pullorum, variants of, 831
- Samson, P. C.:** Tissue changes following continuous intravenous injection of epinephrine hydrochloride into dogs, *745
- Sanes S.:** Massive atelectasis of lung following bronchial obstruction by calcified tuberculous tracheobronchial lymph nodes, 1016
- Unusual case of severe pyemic embolic cholecystitis with multiple lesions in gallbladder leading to perforation and localized peritonitis,** 1017
- Saphir, O.:** Syphilitic myocarditis, *266, *436
- Sarcoma and epithelioma of stomach,** 349
carcinogenic substances of Rous sarcoma, 521
effect of testicle extract on Rous sarcoma, 346
gland extracts in experimental carcinoma and sarcoma of albino rats, 1012
immunity to Walker's rat sarcoma no. 1, 345
of spleen, 1009
- Paget's disease and osteogenic sarcoma,** 675
polypoid sarcoma of vagina, 676
primary leiomyosarcoma of skin, 176
primary, of cervix, 519
primary, of spleen, 523

INDEX TO VOLUME 13

- Sarcoma—Continued
 primary retothelial sarcoma of lymph nodes, 676
 sarcoma-like tumor of pleura, 534
- Sashin, D.: Rapid and simple method for macerating bone, *605
- Scaphoid bone, Köhler's disease of, 820
- Scarlet fever antiserums, evaluation of, by blanching, 1008
 electrophoretic study of streptococci of scarlet fever and erysipelas, 1000
 protein fractions of scarlatinal strain of streptococcus hemolyticus, 996
- Schizophrenia: See Dementia praecox
- Schüller-Christian's disease, 657
- Scleroderma, Raynaud's disease with reference to arteriolar defects and to scleroderma, 327
- Sclerosis, atypical diffuse sclerosis, 662
 blood lipase, diastase and esterase in multiple sclerosis, 821
 multiple, 657
 multiple, serologic study of, 656
 speckled spleen (multiple necrosis in spleen) and its relation to arteriolar sclerosis, 159
 tuberosus, 994
- Self-mutilation of delinquents, 523
- Serum Sickness: See Anaphylaxis and Allergy
- Shock, changes in blood volume in experimental shock, 825
- Shwartzman phenomenon, refractoriness caused by moccasin venom, 169
- Siegel, L. A.: Pregnancy following prolonged use of radium, 1016
- Silicosis: See Pneumoconiosis
- Silver, action of intravenously introduced colloidal silver, 991
- Simonds, J. P.: Anatomic changes in livers of dogs following mechanical constriction of hepatic veins, 679
- Sinuses, nasal; infection of accessory sinuses and upper respiratory tract in avitaminosis of rats, 999
- Skin, cutaneous reactions and circulating antibodies in lobar pneumonia, 341
 experimental tuberculosis of, 669
 irresponsiveness and refractoriness of vessels of, 987
 local skin reaction with extracts of proteus X19 (the exanthin reaction), 1007
 local skin reactivity; antibody auxiliary to serum neutralization of meningococcus reacting factors, 341
 peculiar injury of skin due to automobile accident, 524
 permeability of cutaneous venules and its functional significance, 325
 tuberculosis, 669
- Skoda, Josef, 526
- Smallpox, cultivation of vaccine virus for Jennerian prophylaxis in man, 339
 Vaccination, encephalitis following: See under Encephalitis
 vaccination; filterability of vaccinia virus, 510
 vaccination, flocculation of vaccinal virus-tissue suspensions by specific antiserum, 838
- Smith, W. S.: Massive atelectasis of lung following bronchial obstruction by calcified tuberculous tracheobronchial lymph nodes, 1016
- Snake venom, effect of snake venom and chilling on renal vascularization, *233
 use of protozoa in measuring neutralizing value of cobra antiserum, 171
- Societies, Fourteenth International Congress of Physiology, 151
 International Association for Geographic Pathology, 321
 Ninth International Congress of History of Medicine, 151
- SOCIETY TRANSACTIONS:
 Buffalo Pathological Society, 1014
 Chicago Pathological Society, 526, 677, 850
 New York Pathological Society, 182, 353, 534, 681
 Pathological Society of Philadelphia, 360, 847
- Sodium chlorate, fatal poisoning by, 180
 chloride, effect of diminished concentrations of sodium chloride on complement fixation, 517
 fluoride, effect on tumor metabolism, 520
 nitroprusside poisoning, 351
 nucleinate, resistance to insulin; response to insulin in rabbits during leukocytosis induced by sodium nucleinate, *766
- Soils, acid-fast bacteria in, 668
- Spina bifida occulta, lumbosacral teratoma associated with, 679
- Spinal canal, intervertebral disk extensions into vertebral bodies and spinal canal, 157
 cord, changes in spinal cord in lymphogranulomatosis, 661
 cord, effect of liver treatment on changes in spinal cord in pernicious anemia, 661
 cord, functions of glia in secondary degeneration of spinal cord; oligodendroglia as phagocytes, *23
- Spine, absence of vertebral bodies, complete and unilateral, 993
 intervertebral disk extensions into vertebral bodies and spinal canal, 157
- Spirochaeta hispanicum, experimental study of Spirochaeta hispanicum (var. macrocanum), 167
 pallida, antigenic activity of various strains of Treponema pallidum, 839
 pallida, antigenic failure of Spirochaeta pallida from testicular chancres, 514
 pallida, biology of, 517
 pallida in eye following subscrotal inoculation of syphilis, 337
 pallida, rôle of skin in production of antibodies against, 515
 pallida, Wassermann reaction following immunization with, 1007
- Spleen, absence of, with biliary cirrhosis and atresia of external bile ducts, 360
 Gamna's areas in syphilitic spleen, 329
 multiple infarcts and necroses of spleen (Fleckmilz), 819
 sarcoma of, 1009
 sarcoma of, primary, 523
 speckled spleen (multiple necrosis in spleen) and its relation to arteriolar sclerosis, 159
- Splenectomy, restoration of liver in rats after partial removal of liver and splenectomy, *573
- Sputum, excretion of some drugs and dyes in, 988
- Staining, rapid method for staining frozen sections, *433
- Staphylococcus bacteremia, bacteriophage as therapeutic agent in, 686
 toxic properties of filtrates of hemolytic staphylococcus aureus, 995
 toxic substances produced by staphylococci, 168
- Sterol, arterial changes due to irradiated sterol, 821

INDEX TO VOLUME 13

- Stewart, H. L.: Pulmonary asbestosis with report of 2 cases, 850
- Stillborn infant, uric acid infarcts in stillborn infant, 352
- Still's Disease: See Arthritis deformans
- Stomach, actinomycosis of stomach and liver, 669
- epithelioma and sarcoma of, 349
- lymphogranulomatosis, primary, isolated, 158
- metastasizing leiomyoma of, 677
- secretion in pulmonary tuberculosis, 939
- syphilitic ulcer of, 992
- tuberculosis of, 828
- tumor of, double, 179
- Ulcer: See Peptic Ulcer
- Straub, M. E.: Commercial bacteriophage products, 685
- Streptococci, acute experimental glomerulitis following repeated injections of haemolytic streptococci into renal artery, 325
- antigenic streptococcal hemolysin, 837
- blood chemical changes in streptococcus septicaemia, 164
- derivation of encapsulated forms from non-encapsulated hemolytic streptococci, 823
- diphtheroid phase of, 666
- effect of hemolytic streptococci and their products on leukocytes, 1001
- electrophoretic study of streptococci of scarlet fever and erysipelas, 1000
- guinea-pig epidemic due to streptococcus, 165
- metabolic studies of, 831
- protein fractions of scarlatinal strain of streptococcus hemolyticus, 996
- Strongyloides stercoralis, biology of, 168
- Submaxillary gland, intranuclear inclusions in, in rat, 832
- Sugar in Blood: See Blood sugar
- Suicide, case of suicide by use of dimethylsulphate, 673
- Sulphur, colorimetric micromethod for determination of sulphur in deproteinized blood filtrate, 161
- Suprarenal Preparations; effect of epinephrine on iodine concentration of blood, 824
- protection of adrenalectomized animals against bacterial intoxication by adrenal cortical extract, 986
- tissue changes following continuous intravenous injection of epinephrine hydrochloride into dogs, *745
- Suprarenals, formation of bone marrow in, 819
- in relation to tumor growths, 521
- lesions of adrenals of rabbits caused by herpes virus, 165
- medulla in vitamin B deficiency, 653
- neuroblastoma of suprarenal gland, with multiple metastases, 677
- protection of adrenalectomized animals against bacterial intoxication by adrenal cortical extract, 986
- significance of natural variations in structure and cortical lipid of mouse suprarenal, 658
- Sweany, H. C.: Primary tubercle appearing in patient with advanced Hodgkin's disease, *558
- Sweat glands, benign tumors of, 522
- Synovial fluid, nature and origin of, 821
- Syphilis, chemical nature of so-called syphilitic antigens, 1007
- congenital, dental anlage in, 827
- Gamma's areas in syphilitic spleen, 329
- Syphilis—Continued
- immunologic response of syphilitic rabbits to lipoids, 1009
- laboratory infection with, 666
- myocarditis due to, *266, *436
- occlusion of great vessels of neck in syphilitic aortitis with aortic and innominate aneurysms, 851
- of pulmonary artery, 668
- origin and antiquity of syphilis; evidence from diseased bones; a review, with some new material from America, *779, *931
- precipitation tests for, 357, 841
- serodiagnosis, alcoholic extracts of bacteria in, 1008
- serodiagnosis with acetone-insoluble lipid fraction of Kias, 174
- spirochetes in eye following subscrotal inoculation of, 337
- syphilitic blood proteins (surface tension and solubility), 834
- syphilitic ulcer of stomach, 992
- Taenia, physiologic responses and immune reactions to extracts of certain intestinal parasites, 985
- Tar cancer, color of skin and experimental tar cancer, 842
- cancer in man, 672
- Teeth, experimentally produced focal (dental) infection in relation to cardiac structure, *392
- in congenital syphilis, 827
- role of nutrition as factor in prevention and treatment of dental diseases, 532
- Tendon, lymphangioma of, 519
- Teratoma, lumbrosacral teratoma associated with spina bifida occulta, 679
- Terplan, K.: Unusual case of severe pyemic embolic cholecystitis with multiple lesions in gallbladder leading to perforation and localized peritonitis, 1017
- Terry, M. C.: Elliptical human erythrocytes, report of 2 cases, *193
- Testicle, antigenic relationship of lipoids from brain and testicle, 529
- effect of testicle extract and normal serum on transplantable epithelial tumor of rabbit, 518
- effect of testicle extract on Rous sarcoma, 346
- Tetanus, immunization of guinea-pig spleen against tetanus toxin in tissue cultures, 1004
- Thallium acetate, cutaneous changes caused by, 331
- Thatcher, H. S.: Avitaminosis; pathologic changes in tissues of albino rat during early stages of vitamin A deficiency, *756
- Thorsness, E. T.: Experimental abscesses in rabbit; cytology and drainage, *899
- Thrombo-angitis, experimental, bacteriologic and pathologic studies, *910
- Thrombophlebitis, mechanism of thrombophlebotic edema, 656
- Thrombosis, coronary, in infant aged 4 months, 328
- of hepatic artery with sudden resistance to insulin in diabetic patient, 530
- of inferior vena cava in new-born infant, 990
- Thuja occidentalis, fatal poisoning with, 524
- Thymus, primary cancer of thymus with pluri-glandular disturbance, 175
- toxic adenomatous typhoid with persistent thymus, 848

INDEX TO VOLUME 13

- Thyroid, atrophic fibrosis associated with lymphoid tissue in, 157
biologic experiments with ovarian thyroid material, 328
fat tolerance in experimental hyperthyroidism, 657
Hürthle cell tumor, *716
iodine and bromine content of, 823
lingual struma and hypothyreosis, 330
papilliferous tumors of thyroid and aberrant thyroid tissue, 1010
toxic adenomatous thyroid with persistent thymus presenting unusual anatomical features, 848
- Tibia, calcification of tibia of newborn child, 822
- Tissues, bactericidal effects of tissues from healthy and irradiated animals, 172
continuous observations on living granulation tissue, 504
cultures, action of antileukocytic serum on, *584
cultures, development of collagen and reticulum fibers in, 658
cultures, formation of bilirubin in, 508
cultures, growth rate of tissue cultures in different preparations of embryonic extract, 508
cultures, influence of coal and stone dust on, 507
cultures, significance for pathologic anatomy, 332
cultures, some effects of roentgen radiation on dividing cells in tissue cultures, 327
immunity, local, *868
reactions, local tissue reactions due to variations in ion concentration, 507
respiration of normal and tumor tissues, 177
- Tobacco cancer in rabbit, 521
- Tonsil, relation of tonsil to branchiogenetic cysts, 683
symptomless occurrence of tubercle bacilli in tonsils with recurrent arthritis and retrobulbar neuritis, 511
- Trachoma and bact. granulosis, 510
etiology of, 510
immunity in, 171
- Trauma and schizophrenia, 672
- Treponema: See Spirochaeta
- Trypanosoma, artificial acidosis in trypanosoma lewisi infections, 998
- Tsutsugamushi disease, Weil-Felix reaction in, 513
- Tubercle Bacilli, action of acetone extracts of, 336
effect of toxic substances of, on liver, 668
filtrable forms of, 337
isolation of tubercle bacilli from blood of tuberculous patients, 338
pathogenic action of filtrates of cultures of tubercle bacilli in guinea pigs, 827
significance of dose in reaction to tubercle bacilli, 337
symptomless occurrence of tubercle bacilli in tonsils with recurrent arthritis and retrobulbar neuritis, 511
tubercle bacillemia in diseases of central nervous system, 511
- Tuberculin, adsorption of tuberculin by coal dust, 823
sensitivity and ultravirus, 841
significance of dose in reaction to tubercle bacilli, 337
specific cytotoxic action of tuberculin in tissue culture, 168
- Tuberculosis: See also under names of organs and regions, as, Skin, tuberculosis; Stomach, tuberculosis; etc.
allergic reaction in tuberculous infection, anatomic aspect, 1005
avian tuberculosis in normal and vaccinated rabbits, 826
BCG; effect of environment on virulence of BCG, 166
BCG, experimental immunization of guinea-pigs with BCG, 841
BCG, histology of lesions caused by the Calmette avirulent (BCG) tubercle bacillus, 671
BCG, lesions in tuberculous guinea-pigs treated with BCG, 1004
BCG, microbic dissociation of, 336
BCG, pathologic anatomy of rabbits inoculated with, 1003
BCG, reinoculation with BCG in guinea-pig, 514
BCG vaccine, 1004
blood groups in, 163
cystinuria and tuberculosis, 163
diagnosis in monkeys, 336
effect of irradiated ergosterol on calcification of tubercles, 163
epidemiology and pathology in India, 167
experimental, and reticulo-endothelial system, 672
experimental, mechanism of infection, 1002
Herrold egg yolk agar medium in diagnosis of tuberculosis, 829
lesions suggestive of Hodgkin's disease in, 827
lymphocytic-monocytic ratio in experimental tuberculosis in guinea-pigs, 164
metal salt therapy in experimental tuberculosis of guinea-pigs, 338
natural infection of rabbit with, 1002
nature of allergy in tuberculosis as revealed by tissue culture studies, 834
pulmonary, gastric secretion in, 989
pulmonary, peptic ulcer, associated with, 655
pulmonary, primary pulmonary tubercle appearing in patient with advanced Hodgkin's disease, *558
pulmonary, tissue culture of so-called alveolar epithelium from tuberculous lungs, 507
reticulo-endothelial vital storage in experimental tuberculosis, 511
tularemia encephalitis with coexisting tuberculosis, 818
- Tucker, W. H.: Role of nutrition as factor in prevention and treatment of dental diseases, 532
- Tuell, J. I.: Pharyngo-esophageal diverticulum with sub-diverticular esophageal stenosis, foreign body impaction and sudden death: report of case, *905
- Tularemia in Norway, 829
tularemia encephalitis with coexisting tuberculosis, 818
- Tumors: See also under names of organs and regions, i.e., Bronchus, benign tumor; Stomach, tumors; etc.
are biopsies on malignant tumors dangerous? 349
biopsy in, *607
blood of normal rabbits as index of their resistance to transplantable neoplasm, 348
coaguloflocculation test for malignant tumors, *106
effect of testicle extract and of normal serum on transplantable epithelial tumor of rabbit, 518
effect of tissue extracts on respiration of tumor tissues, 347

INDEX TO VOLUME 13

- Tumors—Continued**
 formation and trauma, 178
 Hürthle cell tumor, *716
 innervation of human tumors, 175
 massive unattached retroperitoneal tumors, 1010
 metabolism of, 520
 metabolism, effect of sodium fluoride on, 520
 multiple, primary, 844
 neoplasms as result of inheritable chromosome alterations, 849
 of basal ganglia, 675
 of muscle type; report of group of cases with reference to metastasis of leiomyosarcoma to brain, *857
 production of experimental tumors by means of radioactive substances, 176
 suprarenals in relation to tumor growth, 521
 susceptibility and heredity, 518
 tissues, respiration of normal and tumor tissues, 177
 ultrafiltration of agent of chicken tumor no. 1, 345
- Tuthill, C. R.: Cerebral response to oil injected into brain substance in rabbits, 1014
- Typhoid, *Bacillus typhosus*, relationship of certain variants of, 997
Bacillus typhosus, studies on serologic reactions of flagella of *B. typhosus*, 839
 new serologic diagnosis of typhoid and paratyphoid bacilli and of related bacteria, 173
- Typhus fever, 164
 rat flea as vector of typhus fever, 828
 transmission of virus of Mexican typhus from rat to rat, 997
 vaccine production in Mexican typhus, 839
 virus, cataphoresis experiments with, 335
- Ulcers:** See Peptic Ulcer; and under names of organs
- Ultrahigh frequency, biologic action of ultrahigh frequency currents, 822
 irradiation, skin cancer in rats after prolonged ultraviolet irradiation, 521
- Undulant fever, agglutinin absorption in, 513
 pathologic anatomy of, 338
- Urea tolerance after unilateral nephrectomy in rabbits, 986
- Urease, hemagglutinating properties of urease, 170
- Uremia, following transfusion of blood, 655
- Ureter bifidus caudalis, 330
- Uric acid, experimental studies on excretion of, 505
 methods of uric acid determination in blood serum, 162
- Urine, cystinuria and tuberculosis, 163
 determination of urea in urine with sublimate method, 162
 estimation of emotional response by means of pH value of urine, 845
 experimental studies on excretion of uric acid, 505
 gonad-stimulating substances of anterior lobe of pituitary body and of urine in pregnancy, 326
 influence of reaction of urine on growth of bacteria, 679
- Uterus, cancer of uterine horn and interstitial portion of fallopian tube, 518
 hyperplasia of uterine muscle during pregnancy, 508
 sarcoma of cervix, primary, 519
- Vaccination, Encephalitis following:** See under Encephalitis
- Vaccine lymph, foot-and-mouth disease in, 514
- Vagina, polypoid sarcoma of, 676
- Van Wagoner, F. H.: Production of gastric and duodenal ulcers in experimental cinchophen poisoning, 850
- Varicella: See Chickenpox
- Vasodilatation in limbs in response to warming body with evidence for sympathetic vasodilator nerves in man, 987
- Venom, refractoriness to Shwartzman phenomenon caused by moccasin venom, 169
 use of protozoa in measuring neutralizing value of cobra antiserum, 171
- Vertebra: See Spine
- Vlosterol: See Ergosterol
- Viruses, protein-free suspensions of, 335
- Vitamin A, avitaminosis; pathologic changes in tissues of albino rat during early stages of vitamin A deficiency, *756
 B deficiency, suprarenal medulla in, 658
 B, lesions of nervous system resulting from deficiency of vitamin B complex, *207
 hypervitaminosis, 325
 infection of accessory sinuses and upper respiratory tract in avitaminosis of rats, 999
- Volatile poisons, 525
- Wallerstein, H.:** Hürthle cell tumor, *716
- Wassermann reaction, evaluation of organ extracts for Wassermann reaction by measuring their turbidity, 172
 following immunization with *Spirochaeta pallida*, 1007
- Weidman, F. D.: Radiate formation due to hyphomycete (*Aspergillus?*) as seen in pulmonary granulomatosis of capybara (*hydrochoerus hydrochoerus*); nature of fungus incrustments in general, *725
- Well, A.: Multiple ganglioneuroma, *713
- Weiss, E.: Coaguloflocculation test for malignant tumors, *106
- Whitcher, B. R.: Regeneration of red cells following copper and iron therapy, 681
- Williams, H. U.: Origin and antiquity of syphilis; evidence from diseased bones; a review, with some new material from America, *779, *931
- Wolfson, A.: Bilateral diffuse cortical necrosis of kidneys, 529
- Wounds, subcutaneous hemorrhages in bullet wounds, 189
- Xanthomatosis, 657**
- Yellow fever,** electrophoresis experiments with virus and protective bodies of, 342
 improved antigen for complement-fixation test in yellow fever, 181
 use of mice in tests of immunity against, 339
- Zeckwer, I. T.:** Resistance to insulin; response to insulin in rabbits during leukocytosis induced by sodium nucleinate, *766
- Zimmerman, H. M.:** Lesions of nervous system resulting from deficiency of vitamin B complex, *207

